

Set	Items	Description
S1	19	AU=(HALBERT, R? OR HALBERT R?)
S2	69	AU=(GUSTAFSSON, N? OR GUSTAFSSON N?)
S3	6	AU=(THRUN, J? OR THRUN J?)
S4	3	S1 AND S2 AND S3

File 344:Chinese Patents Abs Aug 1985-2005/May  
(c) 2005 European Patent Office

File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)  
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200557  
(c) 2005 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2005/Sep W01  
(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050908,UT=20050901  
(c) 2005 WIPO/Univentio

*EIC Search prior art round  
9/17/05 - RMP*

4/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013483186 \*\*Image available\*\*

WPI Acc No: 2000-655129/200063

XRPX Acc No: N00-485546

**Dynamic market equilibrium management system for sale of goods, services,  
modifies price curve for product in online buying co-op by utilizing data  
stored in database**

Patent Assignee: MERCATA INC (MERC-N)

Inventor: GUSTAFSSON N ; HALBERT R V ; THRUN J M

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6101484	A	20000808	US 99281859	A	19990331	200063 B
WO 200058884	A2	20001005	WO 2000US3838	A	20000215	200063
AU 200029951	A	20001016	AU 200029951	A	20000205	200106

Priority Applications (No Type Date): US 99281859 A 19990331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 6101484	A		20	G06F-017/60	
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WO 200058884	A2	E		G06F-017/60	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200029951	A			G06F-017/60	Based on patent WO 200058884
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Abstract (Basic): US 6101484 A

NOVELTY - A merchandising staff client data processing system coupled to a storage device, includes a client software for receiving merchandising staff inputs for defining the online buying co-op for a product. The client software includes the market equilibrium manager to modify a space curve for the product in the online buying co-op by utilizing data stored in database.

DETAILED DESCRIPTION - An e-commerce server data processing system includes e-commerce server software for defining the online buying co-op for the product. The storage device coupled to the e-commerce server data processing system, has database stored with data corresponding to price, quantity, offer of the product. INDEPENDENT CLAIMS are also included for the following:

(a) price curve modification process;

(b) price curve modification program

USE - For sale of goods, services.

ADVANTAGE - The individual buyers are enabled to leverage their combined purchasing power to achieve economic bargain far superior to that attainable by any one buyer acting alone. Each buyer is allowed to increase group buying power. The market equilibrium can be achieved quickly and conveniently.

DESCRIPTION OF DRAWING(S) - The figure shows the graph of price curve.

pp; 20 DwgNo 3E/7

Title Terms: DYNAMIC; MARKET; EQUILIBRIUM; MANAGEMENT; SYSTEM; SALE; GOODS;  
SERVICE; MODIFIED; PRICE; CURVE; PRODUCT; BUY; CO; DATA; STORAGE;  
DATABASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

**4/5/2 (Item 1 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01215968

**DYNAMIC MARKET EQUILIBRIUM MANAGEMENT SYSTEM, PROCESS AND ARTICLE OF  
MANUFACTURE  
SYSTEM, VERFAHREN UND HERGESTELLTER GEGENSTAND ZUM DYNAMISCHEN VERWALTEN  
DES MARKTGLEICHGEWICHTS  
GESTION DYNAMIQUE DE L'EQUILIBRE D'UN MARCHÉ, ET PROCÉDE ET ARTICLE  
MANUFACTURE ASSOCIES**

PATENT ASSIGNEE:

Mercata, Inc., (3089910), 110-110th Avenue NE, Suite 390, Bellevue, WA  
98004-5840, (US), (Applicant designated States: all)

INVENTOR:

**HALBERT, Richard, V.** , 2509 Sahalee Drive E, Redmond, WA 98053, (US)

**GUSTAFSSON, Niklas** , 3030 168th Avenue N.E., Bellevue, WA 98008, (US)

**THRUN, John, M.** , 1833 211th Way N.E., Redmond, WA 98053, (US)

PATENT (CC, No, Kind, Date):

WO 2000058884 001005

APPLICATION (CC, No, Date): EP 2000908646 000215; WO 2000US3838 000215

PRIORITY (CC, No, Date): US 281859 990331

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/60

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 001129 A2 International application. (Art. 158(1))

Application: 001129 A2 International application entering European  
phase

Application: 030326 A2 International application. (Art. 158(1))

Appl Changed: 030326 A2 International application not entering European  
phase

Withdrawal: 030326 A2 Date application deemed withdrawn: 20011101

LANGUAGE (Publication,Procedural,Application): English; English; English

**4/5/3 (Item 1 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00745511 \*\*Image available\*\*

**DYNAMIC MARKET EQUILIBRIUM MANAGEMENT SYSTEM, PROCESS AND ARTICLE OF  
MANUFACTURE  
GESTION DYNAMIQUE DE L'EQUILIBRE D'UN MARCHÉ, ET PROCÉDE ET ARTICLE  
MANUFACTURE ASSOCIES**

Patent Applicant/Assignee:

MERCATA INC, 3655 131st Avenue SE, Bellevue, WA 98006, US, US (Residence)  
, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

**GUSTAFSSON Niklas** , 3030 168th Avenue N.E., Bellevue, WA 98008, US, US  
(Residence), US (Nationality), (Designated only for: US)

**THRUN John M** , 1833 211th Way N.E., Redmond, WA 98053, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

EWING Thomas L (agent), Cooley Godward LLP, 3000 El Camino Real, Five

Palo Alto Square, Palo Alto, CA 94306-2155 (et al), US,  
Patent and Priority Information (Country, Number, Date):

Patent: WO 200058884 A2 20001005 (WO 0058884)

Application: WO 2000US3838 20000215 (PCT/WO US0003838)

Priority Application: US 99281859 19990331

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9635

English Abstract

French Abstract

L'invention porte sur un systeme de gestion dynamique de l'equilibre du marche specialement adapte a la vente de marchandises et de services via un groupement d'achats en ligne (dit ici "co-op") constitue specifiquement en vue de l'achat d'un produit particulier (102) et definissant une date d'ouverture, une date de cloture, une masse critique, un nombre minimum d'unites offertes, un nombre maximum d'unites offertes, le prix de depart, et la courbe de cout du produit. Le gestionnaire dynamique d'equilibre fait varier (108) le "co-op" suivant les donnees recueillies sur les acheteurs par l'intermediaire de leurs offres d'achat liantes, ce qui permet de prendre en compte l'offre et la demande relatives a l'article a vendre et leur interrelation avec le prix d'achat. Le systeme de gestion dynamique de l'equilibre du marche utilise avec le groupement d'achats en ligne permet de prendre des decisions de gestion a effet immediat fondees sur les donnees reelle du marche. Une interface graphique recevant des donnees d'entree relatives aux utilisateurs permet la manipulation directe sur un ecran des representations graphiques des donnees d'une base de donnees et l'affichage sur cet ecran de donnees variables retroactives, par exemple sous la forme de valeurs numeriques variant lorsque l'utilisateur deplace au moins un point de donnees sur l'ecran.

Legal Status (Type, Date, Text)

Publication 20001005 A2 Without international search report and to be republished upon receipt of that report.

Examination 20001228 Request for preliminary examination prior to end of 19th month from priority date

Declaration 20020530 Late publication under Article 17.2a

Republication 20020530 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Set	Items	Description
S1	19	AU=(HALBERT, R? OR HALBERT R?)
S2	69	AU=(GUSTAFSSON, N? OR GUSTAFSSON N?)
S3	6	AU=(THRUN, J? OR THRUN J?)
S4	3	S1 AND S2 AND S3
S5	85	S1 OR S2 OR S3
S6	13	S5 AND IC=G06F-017/60
S7	10	S6 NOT S4

File 344:Chinese Patents Abs Aug 1985-2005/May  
(c) 2005 European Patent Office

File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)  
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200557  
(c) 2005 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2005/Sep W01  
(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050908,UT=20050901  
(c) 2005 WIPO/Univentio

7/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016948913 \*\*Image available\*\*

WPI Acc No: 2005-273221/200528

XRPX Acc No: N05-224477

**Automated guideline execution engine for clinical information system, has binding module to acquire medical data stored in CIS, for implementing action responsive to execution of clinical practice guideline, accordingly**

Patent Assignee: ABARBANEL R M (ABAR-I); BERG D R (BERG-I); MANSFIELD J G (MANS-I); RAM P (RAMP-I); TAUNK C (TAUN-I); THRUN J M (THRU-I); WU B (WUBB-I); IDX SYSTEMS CORP (IDXSN)

Inventor: ABARBANEL R M; BERG D R; MANSFIELD J G; RAM P; TAUNK C; THRUN J M; WU B

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200529252	A2	20050331	WO 2004US30208	A	20040915	200528 B
US 20050108049	A1	20050519	US 2003503278	P	20030915	200534
			US 2004942285	A	20040915	

Priority Applications (No Type Date): US 2003503278 P 20030915; US 2004942285 A 20040915

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200529252	A2	E	35	G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

US 20050108049	A1		G06F-017/60	Provisional application US 2003503278
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Abstract (Basic): WO 200529252 A2

NOVELTY - The guideline execution engine includes a core engine for executing the clinical practice guideline. A binding module acquires medical data stored in the clinical information system (CIS), for implementing an action responsive to the execution of the clinical practice guideline, based on the medical data obtained from the CIS.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) virtual medical record/action interface system; and

(2) method for executing a clinical practice guideline.

USE - For executing a clinical practice guideline based on patient medical data stored in clinical information system (CIS) communicating with guideline execution engine using virtual medical record (VMR)/action interface system (claimed), for hospital or clinical care provider to track information about patients and other data utilized in the operation of the care provider.

ADVANTAGE - The guideline execution engine automatically carries out several actions in response to the lab results, thereby supporting dynamic improvements in the efficiency and quality of medical care. Hence reduces the burden on practitioners and the risk of medical error and/or misapplication of clinical guidelines.

DESCRIPTION OF DRAWING(S) - The figure shows a high-level block diagram of the clinical practice guideline execution system.

pp; 35 DwgNo 1/5  
 Title Terms: AUTOMATIC; GUIDELINE; EXECUTE; ENGINE; CLINICAL; INFORMATION;  
 SYSTEM; BIND; MODULE; ACQUIRE; MEDICAL; DATA; STORAGE; CIS; IMPLEMENT;  
 ACTION; RESPOND; EXECUTE; CLINICAL; PRACTICE; GUIDELINE; ACCORD  
 Derwent Class: S05; T01  
 International Patent Class (Main): G06F-000/00; **G06F-017/60**  
 File Segment: EPI

**7/5/2 (Item 2 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
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014277560 \*\*Image available\*\*  
 WPI Acc No: 2002-098262/200213  
 XRPX Acc No: N02-072581

**Communicating information between seller and buyers in negotiating room  
 associated with on-line group-buying sale by providing flash demand curve  
 to seller and receiving modified price for featured item from seller**

Patent Assignee: VULCAN PORTALS INC (VULC-N)  
 Inventor: **HALBERT R V** ; VAN HORN T; WAMPLER K D; WOODFORD D A  
 Number of Countries: 093 Number of Patents: 002  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
✓ WO 200198997	✓ A1	20011227	WO 2001US19103	A	20010613	200213 B
AU 200169820	A	20020102	AU 200169820	A	20010613	200230

Priority Applications (No Type Date): US 2000596921 A 20000619

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200198997 A1 E 104 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
 CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
 RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200169820 A G06F-017/60 Based on patent WO 200198997

Abstract (Basic): WO 200198997 A1

NOVELTY - Communications from buyers (402-406) may be transmitted to a first seller via a negotiating room (401a). At least some of the communications may contain offers for the first featured item. A first flash demand curve may be produced for the first featured item using the offers for the first featured item. The first flash demand curve is provided to the first seller for receiving a modified price for the first featured item from the first seller.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a method for determining demand for featured item in an on-line group-buying sale

(b) a computer implemented method for processing communications between buyers and sellers in an on-line group-buying sale for a featured item

(c) a computer implemented method allowing buyers and at least one seller to communicate about at least one featured item offered in an on-line group-buying sale

(d) a method for determining a flash curve for a featured item offered by a seller in an on-line group-buying sale

(e) a computer implemented negotiating room system for communicating information between sellers and buyers associated an on-line group-buying sale having a featured item

(f) a system for communications during negotiations between buyers and seller in on-line group-buying sale for a featured item

(g) a computer readable data transmission medium

USE - For the expansion of group buying over electronic networks, such as the Internet, through a negotiation facility that allows greater communication among individual buyers and between buyers and merchandise sellers in conjunction with group-buying sales.

ADVANTAGE - Aggregates buyer demand for merchandise, provide enhanced, real-time communication among the members of buying groups and among aggregated buyers and sellers. Communicates information between a first seller and buyers in a negotiating room associated with an on-line group-buying sale having a first featured item. The negotiating room provides support for communications about the on-line group-buying sale among the buyers and the first seller.

DESCRIPTION OF DRAWING(S) - The drawing illustrates a sample negotiation room in an auditorium chat configuration according to an embodiment of the present invention.

buyers (402-406)

negotiating room (401a)

pp; 104 DwgNo 9a/17

Title Terms: COMMUNICATE; INFORMATION; BUY; NEGOTIATE; ROOM; ASSOCIATE; LINE; GROUP; BUY; SALE; FLASH; DEMAND; CURVE; RECEIVE; MODIFIED; PRICE; ITEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013870261 \*\*Image available\*\*

WPI Acc No: 2001-354473/200137

XPX Acc No: N01-257546

**Selecting system for choosing network buying cooperative product and service, has rules engine that determines network buying cooperative product and service suitable for display to customer**

Patent Assignee: MERCATA INC (MERC-N); VULCAN PORTALS INC (VULC-N)

Inventor: DEAN G C; ENGMAN J C; GUSTAFSSON N; HALBERT R V; PACHE J P;

VAN HORN T; WOODFORD D A; WOODFORD D

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200102992	A2	20010111	WO 2000US3798	A	20000214	200137 B
AU 200034911	A	20010122	AU 200034911	A	20000214	200137
US 6934690	B1	20050823	US 99142471	P	19990706	200556
			US 99409237	A	19990930	

Priority Applications (No Type Date): US 99409237 A 19990930; US 99142471 P 19990706

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200102992 A2 E 52 G06F-017/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200034911 A

Based on patent WO 200102992



US 6934690 B1 G06F-017/60 Provisional application US 99142471

Abstract (Basic): WO 200102992 A2

NOVELTY - A rules engine is configured to access the products and services characteristics repository, and determines at least one network buying cooperative product and service suitable for display to the customer. The product and service characteristic repository is configured to contain data regarding the products and services offered for sale using the network buying cooperative sales procedure.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a method for selecting a network buying cooperative product and service;
- (b) a computer readable medium;
- (c) a system for adding product and service offers to a network;
- (d) a system for prefiltering network buying cooperative products and services;
- (e) a system for selecting product and service to display to a customer on a partner site;
- (f) a method for selecting product and service to display to a customer on a partner site;
- (g) a computer readable medium data structure;
- (h) and a method for displaying products and services to a customer.

USE - Used for choosing a network buying cooperative product and service to display on a partner site from the products and services offered for sale in a network buying cooperative sales procedure.

ADVANTAGE - Enables making the on-line demand aggregation invention more effective by expanding its presence on an item-by-item and product-category basis concurrently to all web communities having an interest in the given item or product category. Enables unprecedented aggregation of demand or super demand aggregation. Permits the super aggregation to occur in a highly efficient and targeted manner. Permits suppliers, distributors, and Internet retailers to create and control their own PowerBuys in order to achieve unprecedented inventory leveling capabilities, directly make real time yield management decisions, and test price sensitivity on new products.

DESCRIPTION OF DRAWING(S) - The figure shows the simplified diagrammatic representation of the model showing how the system expands aggregation through multiple avenues of traffic flow to the Owner's PowerBuys.

pp; 52 DwgNo 1/13

Title Terms: SELECT; SYSTEM; CHOICE; NETWORK; BUY; COOPERATE; PRODUCT; SERVICE; RULE; ENGINE; DETERMINE; NETWORK; BUY; COOPERATE; PRODUCT; SERVICE; SUIT; DISPLAY; CUSTOMER

Derwent Class: T01

International Patent Class (Main): G06F-017/00; **G06F-017/60**

File Segment: EPI

**7/5/4 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013430203 \*\*Image available\*\*

WPI Acc No: 2000-602146/200057

XPX Acc No: N00-445513

**On-line buying co-op method for product/service (e-commerce) in buyer client processing system by transmitting received purchase offer to e-commerce server processing system**

Patent Assignee: MERCATA INC (MERC-N); VULCAN INC (VULC-N); VULCAN PORTALS

INC (VULC-N)

Inventor: **GUSTAFSSON N** ; VAN HORN T; WOODFORD D

Number of Countries: 090 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
✓ WO 200055782	A2	✓ 20000921	WO 2000US3814	A	20000214	200057 B
AU 200033645	A	20001004	AU 200033645	A	20000214	200101
US 6604089	B1	20030805	US 99270219	A	19990315	200353
			US 99475408	A	19991230	
US 6631356	B1	20031007	US 99270219	A	19990315	200374

Priority Applications (No Type Date): US 99270219 A 19990315; US 99475408 A 19991230

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200055782	A2	E	42	G06F-017/60	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200033645	A			G06F-017/60	Based on patent WO 200055782
US 6604089	B1			G06F-017/60	Cont of application US 99270219
US 6631356	B1			G06F-017/00	

Abstract (Basic): WO 200055782 A2

NOVELTY - Data is gathered from buyer by making binding purchase offers. It is modified using a pricing tool (24) to take into account the market data in the definition of the price curve. A buyer (28) chooses a product co-op of interest with an option of offer price for purchase. Should the offer price drop to made offer, the price contingency is removed and inventory is allocated to fulfill accepted offer following the closing of co-op.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also include for an aggregating demand system for on-line buying group, an article of manufacture comprising a computer readable storage medium having a computer program, a process for selecting a product/service for an on-line buying co-op.

USE - For e-commerce.

ADVANTAGE - The global creation of buying groups on a purchase basis brings a vast number of potential buyer to the bargaining table, which consequently provides an efficient method of quickly moving large quantities of specific products for suppliers.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of software components for implementing on-line buying group (co-op).

Tool (24)

Buyer (28)

pp; 42 DwgNo 5/8

Title Terms: LINE; BUY; CO; METHOD; PRODUCT; SERVICE; BUY; CLIENT; PROCESS; SYSTEM; TRANSMIT; RECEIVE; PURCHASE; OFFER; SERVE; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/00; **G06F-017/60**

File Segment: EPI

7/5/5 (Item 1 from file: 348)

DIALOG(R) File 348: EUROPEAN PATENTS

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01395722

JMB

Date: 12-Sep-05

**SYSTEM AND METHOD FOR ENHANCING BUYER AND SELLER INTERACTION DURING A GROUP-BUYING SALE**  
**SYSTEME ET PROCEDE PERMETTANT D'AMELIORER L'INTERACTION ENTRE ACHETEUR ET VENDEUR DURANT UNE VENTE COLLECTIVE**

**PATENT ASSIGNEE:**

Vulcan Portals, Inc., (3974600), 505 Union Station, 505 Fifth Avenue South, Suite 900, Seattle, WA 98104, (US), (Applicant designated States: all)

**INVENTOR:**

VAN HORN, Tom, 9501 S.E. Fifth Street, Bellevue, WA 98004, (US)  
WOODFORD, Dale, A., 10828 - 180th Court, N.E., Redmond, WA 98053, (US)  
**HALBERT, Richard, V.**, 2509 Sahalee Drive, E., Redmond, WA 98053, (US)  
WAMPLER, Kevin, Dean, 17111 N.E. 35th Street, Bellevue, WA 98008, (US)

**PATENT (CC, No, Kind, Date):**

✓ WO 2001098997 011227

APPLICATION (CC, No, Date): EP 2001948362 010613; WO 2001US19103 010613

PRIORITY (CC, No, Date): US 596921 000619

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EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

CITED PATENTS (WO A): US 6141653 A ; US 6101484 A ; US 6085169 A ; US 6078897 A ; US 6041308 A ; US 6026383 A ; US 6021398 A ; US 5794207 A

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

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Application: 020220 A1 International application entering European phase

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Appl Changed: 030820 A1 International application not entering European phase

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LANGUAGE (Publication,Procedural,Application): English; English; English

**7/5/6 (Item 2 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01252116

**SYSTEM AND METHOD FOR EXTENSION OF GROUP BUYING THROUGHOUT THE INTERNET**  
**SYSTEM UND VERFAHREN ZUM AUSWEITEN VON GRUPPENKAUFEN UBER DAS INTERNET**  
**SYSTEME ET PROCEDE D'EXTENSION DU REGIME D'ACHATS GROUPES DANS INTERNET**

**PATENT ASSIGNEE:**

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**PATENT (CC, No, Kind, Date):**

✓ WO 2001002992 010111

APPLICATION (CC, No, Date): EP 2000913464 000214; WO 2000US3798 000214

PRIORITY (CC, No, Date): US 142471 P 990706; US 409237 990930

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

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INTERNATIONAL PATENT CLASS: **G06F-017/60**  
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Application: 010307 A2 International application. (Art. 158(1))  
Application: 010307 A2 International application entering European  
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Appl Changed: 020904 A2 International application not entering European  
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Withdrawal: 020904 A2 Date application deemed withdrawn: 20020207  
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**7/5/7 (Item 3 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01211631

**DEMAND AGGREGATION THROUGH ONLINE BUYING GROUPS**  
**AGGREGATION DER NACHFRAGE DURCH ONLINE KAUFERGRUPPEN**  
**REGROUPEMENT DE DEMANDES AU MOYEN DE COOPERATIVES D'ACHAT EN LIGNE**  
PATENT ASSIGNEE:

Mercata, Inc., (3089911), 3655 131st Avenue SE, Bellevue, WA 98006, (US),  
(Applicant designated States: all)

INVENTOR:

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WOODFORD, Dale, 10828 180th Court NE, Redmond, WA 98053, (US)

PATENT (CC, No, Kind, Date):

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APPLICATION (CC, No, Date): EP 2000911813 000214; WO 2000US3814 000214

PRIORITY (CC, No, Date): US 270219 990315

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SEINTERNATIONAL PATENT CLASS: **G06F-017/60**

NOTE:

Mercata, Inc., (3089911), 3655 131th Avenue SE, Bellevue, WA 98006, (US);

NOTING OF LOSS OF RIGHTS PURSUANT TO RULE 69(1) EPC

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 001115 A2 International application. (Art. 158(1))

Application: 001115 A2 International application entering European  
phase

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**7/5/8 (Item 1 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00865411 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ENHANCING BUYER AND SELLER INTERACTION DURING A**  
**GROUP-BUYING SALE**

**SYSTEME ET PROCEDE PERMETTANT D'AMELIORER L'INTERACTION ENTRE ACHETEUR ET**  
**VENDEUR DURANT UNE VENTE COLLECTIVE**

Patent Applicant/Assignee:

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## Legal Representative:

EWING Thomas L (et al) (agent), Fenwick & West LLP, Two Palo Alto Square,  
Palo Alto, CA 94306, US,

## Patent and Priority Information (Country, Number, Date):

Patent: ~~WO 200198997 A1~~ ~~20011227~~ (WO 0198997)  
Application: WO 2001US19103 20010613 (PCT/WO US0119103)  
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## Designated States:

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 27635

## English Abstract

A method and system are provided that enable buyers and sellers to communicate with each other and to negotiate the purchase terms of featured merchandise in a group-buying opportunity (see Fig. 9A). Sellers (503c) and buyers (402, 404, 406) may use various forms of on-line group-buying mechanisms in conjunction with the negotiation features of the invention. Buyers may send various inquiries to sellers regarding merchandise offered for sale through the on-line group-buying sale. Sellers may respond to buyer questions and queries, and in some instances, sellers may communicate instructions to the on-line group-buying mechanism to alter the course of an on-line group-buying sale in progress, e.g., a further reduction in price. The method and system further provides a mechanism for calculating a demand curve based on received buyer offers and applying the demand curve to an on-line group-buying sale.

## French Abstract

Cette invention a trait a un procede et au systeme correspondant permettant a des acheteurs et a des vendeurs de communiquer entre eux ainsi que de negocier les modalites d'achat d'une marchandise particuliere lors d'une vente collective (voir figure 9A). Les vendeurs (503c) et les acheteurs (402, 404, 406) peuvent utiliser differents mecanismes de vente collective en ligne conjointement avec les conditions de negociation proposees dans le cadre de cette invention. Les vendeurs peuvent envoyer diverses demandes a des vendeurs concernant les marchandises proposees a la vente dans le cadre de cette vente collective en ligne. Les vendeurs peuvent repondre aux questions des acheteurs et, dans certains cas, ils peuvent communiquer des instructions au mecanisme de vente collective en ligne afin de modifier un processus en cours, par exemple, en annoncant une reduction supplementaire de prix. Le procede et

le systeme selon cette invention portent, en outre, sur un mecanisme permettant de calculer une courbe de demandes d'apres les offres d'acheteurs recues et d'appliquer cette courbe a une vente collective en ligne.

Legal Status (Type, Date, Text)

Publication 20011227 A1 With international search report.

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**7/5/9 (Item 2 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00770311

**SYSTEM AND METHOD FOR EXTENSION OF GROUP BUYING THROUGHOUT THE INTERNET  
SYSTEME ET PROCEDE D'EXTENSION DU REGIME D'ACHATS GROUPEES DANS INTERNET**

Patent Applicant/Assignee:

MERCATA INC, 3655 131st Avenue SE, Bellevue, WA 98006, US, US (Residence)  
, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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ENGMAN Jon C, 9501 S.E. Fifth Street, Bellevue, WA 98004, US, US  
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**HALBERT Richard V** ; 2509 Sahalee Drive #E, Redmond, WA 98053, US, US  
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**GUSTAFSSON Niklas** , 3030 168th Avenue, N.E., Bellevue, WA 98008, US, US  
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WOODFORD Dale, 10828 180th Court NE, Redmond, WA 98053, US, US  
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PACHE Jerome P, 1509 17th Avenue #E, Seattle, WA 98112, US, US  
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DEAN Greg C, 22929 N.E. Union Hill Road, Redmond, WA 98053, US, US  
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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 99142471 19990706; US 99409237 19990930

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

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Detailed Description

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English Abstract

French Abstract

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19th month from priority date  
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abstract; title not checked by the International  
Searching Authority.

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DIALOG(R)File 349:PCT FULLTEXT

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00742411 \*\*Image available\*\*

**DEMAND AGGREGATION THROUGH ONLINE BUYING GROUPS****REGROUPEMENT DE DEMANDES AU MOYEN DE COOPERATIVES D'ACHAT EN LIGNE**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

VAN HORN Tom, 9501 SE Fifth Street, Bellevue, WA 98004, US, US  
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**GUSTAFSSON Niklas**, 3030 168th Avenue NE, Bellevue, WA 98008, US, US  
(Residence), SE (Nationality), (Designated only for: US)

WOODFORD Dale, 10828 180th Court NE, Redmond, WA 98053, US, US  
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Legal Representative:

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Patent: ~~WO~~ 200055782 A2 20000921 (WO 0055782)

Application: WO 2000US3814 20000214 (PCT/WO US0003814)

Priority Application: US 99270219 19990315

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

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Detailed Description

Claims

Fulltext Word Count: 12938

## English Abstract

## French Abstract

Selon la presente invention, on cree une cooperative d'achat en ligne (denommee ci-apres "co-op") dans un but specifique d'achat d'un produit particulier en (102) en definissant une date de debut, une date de fin, une masse critique, un nombre minimal quelconque d'unites offertes, un nombre maximal quelconque d'unites offertes, un prix de depart et une courbe de cout du produit. Alors que les donnees sont recueillies aupres des acheteurs, du fait qu'ils font des offres d'achat irrevocable, la co-op est modifiee en (108) a l'aide d'un outil d'etablissement des prix qui permet de prendre en compte pour ce marche des donnees dans la definition de la courbe de prix. Un acheteur choisit une co-op pour un produit qui l'interesse en (114). L'acheteur se voit alors presenter les informations essentielles suivantes, relatives a la co-op: prix courant, date de cloture, niveau de prix suivant (tel que defini par une fenetre de visibilite de la courbe de prix et par la courbe de prix) qui s'avere suffisant pour inciter l'acheteur a faire une offre. Une fois qu'un acheteur s'est decide, une decision doit etre prise en (116) soit d'offrir un prix d'achat qui inclut le prix courant, la disponibilite etant garantie dans le cas ou la masse critique a ete atteinte, soit de faire une offre a un prix inferieur qui peut etre acceptee uniquement si le prix de la co-op chute en dessous de ce niveau, ce qui peut ne pas se produire. Lorsque la decision a ete prise de faire une offre a un prix relativement bas, l'acheteur donne le prix maximum auquel il souhaite acheter le produit en (118). Si le prix courant devient inferieur au niveau auquel l'offre a ete faite, la provision pour variation du prix est supprimee d'une telle offre et en supposant que la masse critique est atteinte, l'offre est acceptee a la fermeture de la co-op en (122), et traitee en consequence. Suite a la fermeture de la co-op en (124), le stock est attribue de maniere a repondre a l'offre acceptee en (126).

## Legal Status (Type, Date, Text)

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Republication	20011018	A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.



Set	Items	Description
S1	7	AU=(HALBERT, R? OR HALBERT R?)
S2	54	AU=(GUSTAFSSON, N? OR GUSTAFSSON N?)
S3	3	AU=(THRUN, J? OR THRUN J?)
S4	0	S1 AND S2 AND S3
S5	64	S1 OR S2 OR S3
S6	51	RD (unique items)
S7	0	S6 AND ((ONLINE OR ON()LINE) ( )BUYING)
File	2:INSPEC 1969-2005/Aug W4	(c) 2005 Institution of Electrical Engineers
File	35:Dissertation Abs Online 1861-2005/Aug	(c) 2005 ProQuest Info&Learning
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File	475:Wall Street Journal Abs 1973-2005/Sep 09	(c) 2005 The New York Times
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(c) 2005 USA Today  
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(c) 2005 The Oregonian  
File 713:Atlanta J/Const. 1989-2005/Sep 11  
(c) 2005 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2005/Sep 12  
(c) 2005 Baltimore Sun  
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(c) 2005 Christian Science Monitor  
File 725:(Cleveland)Plain Dealer Aug 1991-2005/Sep 11  
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File 735:St. Petersburg Times 1989- 2005/Sep 11  
(c) 2005 St. Petersburg Times